

Claims

1. Implantable heart stimulator (2) comprising an AV-interval generator (14) adapted to generate a variable AV-interval and provided with a predetermined basic AV-interval, characterized in that the heart stimulator (2) further comprises a counter (16) that counts the number of times the AV-interval is changed during a predetermined time period, and where said counter (16) generates and applies an output signal to said AV-signal generator (14) to change said basic AV-interval if said number of times is greater than a predetermined value.
2. Heart stimulator according to claim 1 characterized in that the change of the basic AV-interval is in the interval -30 to 30 milliseconds.
3. Heart stimulator according to claim 2 characterized in that the change of the basic AV-interval is -20 ms or +20 ms.
4. Heart stimulator according to any preceding claim characterized in that said predetermined value is in the range 2-10.
5. Heart stimulator according to any preceding claim characterized in that said predetermined time period is between 1 and 3 minutes.
6. Heart stimulator according to any preceding claim characterized in that said heart stimulator further comprises a control unit (12) provided with a fusion avoidance algorithm.

7. Heart stimulator according to claim 6
characterized in that said fusion avoidance
algorithm, when activated, makes the AV-interval generator
5 (14) temporarily prolong the AV-interval.

8. Heart stimulator according to any preceding claim
characterized in that said heart stimulator further
comprises a control unit (12) provided with a stimulation
10 threshold search algorithm.

9. Heart stimulator according to claim 8
characterized in that said stimulation threshold
search algorithm, when activated, makes the AV-interval
15 generator (14) temporarily shorten the AV-interval.